



August 15, 2007

Dear *Desktop Engineering* Reader:

Back at the end of November, Noran Engineering unleashed NEiFusion. Now in version 1.2, NEiFusion provides you design, optimization, testing, and quality engineers with FEA tools that you can use early in process.

"So what?" I hear you skeptics say. "Every developer claims they can do that."

OK, point taken, but... And that is why you should check out NEiFusion — because NEiFusion combines a 3D feature based, parametric CAD engine with the company's widely deployed and field-tested Nastran solvers. Note that I said *engine* and not *translators*, although NEiFusion has native translators for virtually all major MCAD applications. This amalgamation of design and analysis power means that you have true geometry associativity, with complete, single-window integration between your MCAD and FEA platforms.

NEiFusion also lets you leverage all sorts of wizards for setting up and running your analyses. So, no more fooling around all day and getting increasingly grumpy trying to set up an impact analysis or generating a report. Where automation can't really happen, all functionality is available from readily accessible toolbars.

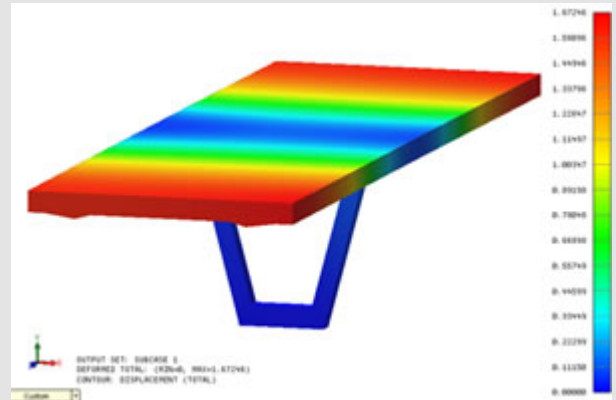
NEiFusion V1.2 supports beam analyses with curve meshing and merged and continuously meshed joints, thermal analysis, single- and multi-set animations, and linear statics, modal, buckling, prestress, and steady state heat-transfer analyses. And that's just the basic package. The expert package adds nonlinear analyses, with advanced dynamics and nonlinear transient heat-transfer capabilities to be incorporated shortly.

There's a lot to be had in NEiFusion V1.2, and it's available in Designer and Analyst editions, enabling you to match functionality to both your wallet and your requirements. So, I recommend that you check out the registration-free on-line video from the link in today's Pick of the Week write-up to begin your research.

Thanks, Pal. – Lockwood

Anthony J. Lockwood  
*Desktop Engineering* magazine

### NEi Fuses Nastran and MCAD



FEA tool for early design analysis and optimization now offers impact analysis wizard.

Click [here](#) to go the main NEiFusion web page.

Click [here](#) to go the dedicated NEiFusion v 1.2 web page.

Click [here](#) to go today's Pick of the Week write-up.

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